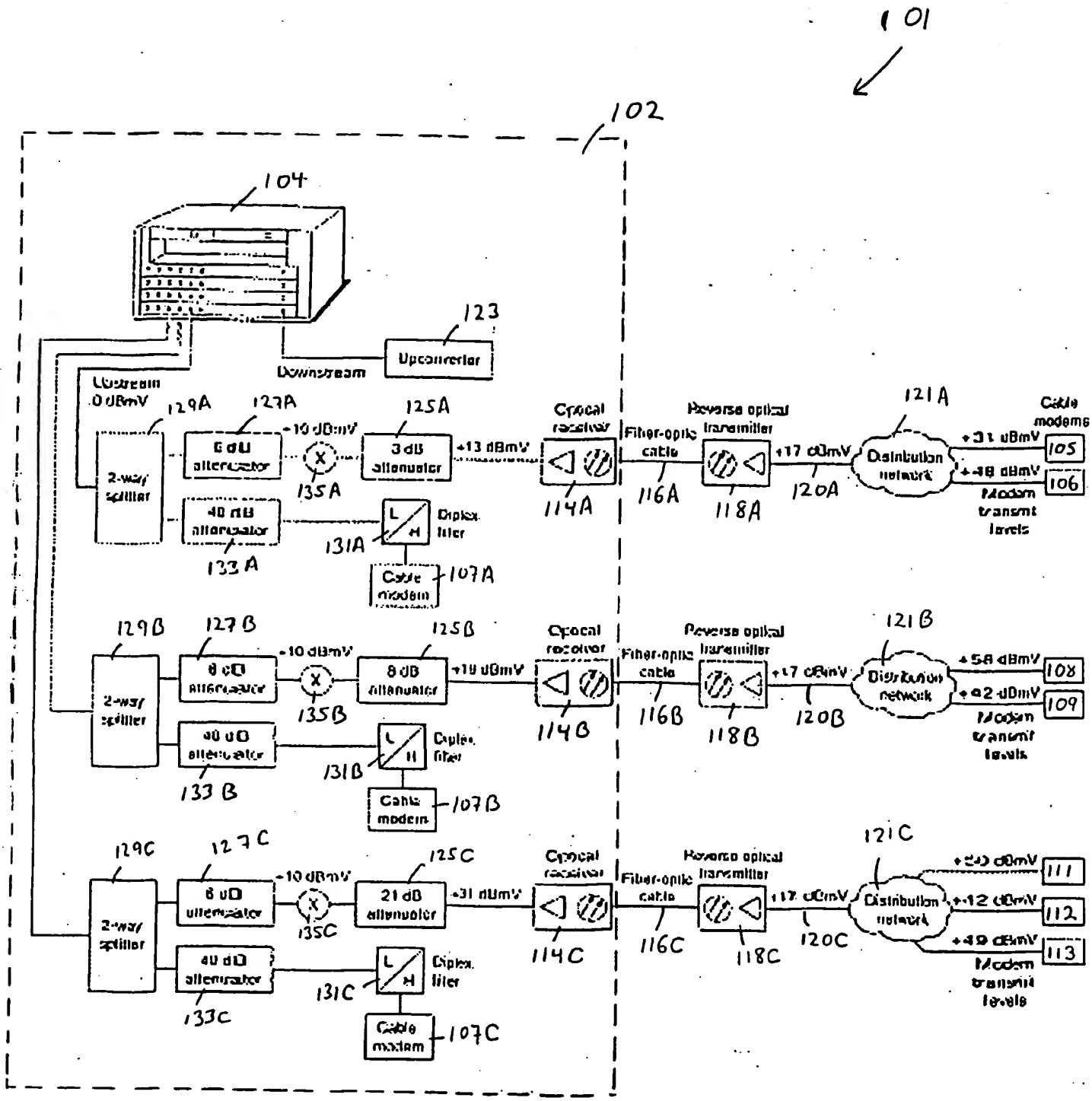
101
102
104
123
Upconverter
Downstream
Upstream
0 dBmV
129A
127A
125A
6 dB attenuator
-10 dBmV
3 dB attenuator
+13 dBmV
135A
2-way splitter
40 dB attenuator
133A
L/H
Diplex filter
131A
Cable modem
107A
Optical receiver
114A
Fiber-optic cable
116A
Reverse optical transmitter
118A
+17 dBmV
120A
121A
Distribution network
+31 dBmV
+48 dBmV
Modem transmit levels
Cable modems
105
106
129B
127B
125B
8 dB attenuator
-10 dBmV
8 dB attenuator
+19 dBmV
135B
2-way splitter
40 dB attenuator
133B
Diplex filter
131B
Cable modem
107B
Optical receiver
114B
Fiber-optic cable
116B
Reverse optical transmitter
118B
+17 dBmV
120B
121B
Distribution network
+58 dBmV
+42 dBmV
Modem transmit levels
108
109
129C
127C
125C
6 dB attenuator
-10 dBmV
21 dB attenuator
+31 dBmV
135C
2-way splitter
40 dB attenuator
133C
L/H
Diplex filter
131C
Cable modem
107C
Optical receiver
114C
Fiber-optic cable
116C
Reverse optical transmitter
118C
+17 dBmV
120C
121C
Distribution network
+49 dBmV
Modem transmit levels
111
112
113

Figure 1